

INDIAN BUREAU OF MINES

--:-- Inspection Report --:--

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	BANGUR(OMC)	Lease Area (Ha) :	139.94
Forest Area (Ha) :	N/A	Mine Code :	11ORI08001
Registration Number :	IBM/4269/2011	Name of lessee :	THE ORISSA MINING CORPORATION LIMITED
Address of lessee :	A GOVT. OF ORISSA UNDERTAKING ,OMC HOUSE, UNIT-5, POST BOX NO.34, BHUBANESWAR	Phone of lessee :	0674-2392778
Email of lessee :	Planningcellomc@gmail.com	Fax Number :	N/A
Village :	Bangura	Taluka / Mandal :	Soso
District :	Kendujhar	Pincode :	751001
State :	Odisha	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	1975-09-02	Date of Mining Lease Execution :	1975-09-02

Date of opening in the mine :	Nilsss		
Nominated Owner Details			
Name of the Nominated Owner :	Mr Sudhansu Mohan Samal	Nominated Owner Address:	Qrs. No.C-1, Unit-IX(Flat) Bhubaneswar -751022
Nominated Owner Mobile :	8763317102	Nominated Owner Email :	Md@odishamining.in
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2024-11-25
Mining Engineer Details			
Name of the Mining Engineer :	Rakesh Kumar Nayak	Qualification of Mining Engineer :	B. Tech In Mining Engineering With First Class Manager Competency
Address of Mining Engineer :	Bangur Chromite Mines, PO- Dhanurjoypur, Dist-Keonjhar, Pin-758078	Phone of Mining Engineer :	9668514212
Email of Mining Engineer :	Rakesh.nayak@odishamining.in	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2024-10-01		
Geologist Details			
Name of the Geologist :	Radhashyam Sahoo	Qualification of Geologist :	M. SC (Applied Geology)
Address of Geologist :	Bangur Chromite Mines, PO- Dhanurjoypur, Dist-Keonjhar, Pin-758078	Phone of Geologist :	6372749365
Email of Geologist :	Radheshyam.sahoo@odishamining.in	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2024-04-19		
Mine Manager Details			
Name of the Mine Manager :	Varun Singh	Qualification of Mine Manager :	B. Tech In Mining Engineering With First

			Class Manager Competency
Address of Mine Manger :	Bangur Chromite Mines, PO- Dhanurjoypur, Dist-Keonjhar, Pin-758078	Phone of Mine Manger :	9571396444
Email of Mine Manger :	Varun.singh@odishamining.in	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2025-09-12		
Mineral(s) granted in lease and proved for mining :	CHROMITE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2025-01-22 (2025 - 2029)
Method of mining :	Underground	Category :	MECHANISED
Nature of Use :	Non Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	VIKRAM DESHPANDE
Designation :	ACOM
Name of the Accompanying Official from Mine :	Varun Singh
Designation of the Accompanying Official :	Mine Manager
Type of Inspection :	MCDR
Date of Inspection :	15/12/2025
Review year considered for MCDR Inspection :	2024-2025

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2.2.1 : Exploration Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of Core Boreholes	Nil	13	-13.000	No Violation
Remark: NIL Remark File: NIL					
2	Number of DTH Boreholes	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
3	Number of exploratory pits / trial pits	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Number of exploratory Trenches	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Lateral exploration status for the lease area - G1	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					

6	Lateral exploration status for the lease area-G2	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	111- 4424176 211- 2518000	111- 4424176 211- 2518000	Nil	No Violation
Remark: NIL Remark File: NIL					

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2.3.2 : Development - Underground Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Mode of Entry Shaft/ Adit/Incline/Decline	Incline	Incline	0	No Violation
Remark: NIL Remark File: NIL					
2	Method of Working	Underground	Underground	0	No Violation
Remark: NIL Remark File: NIL					
3	(i)Shaft	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
4	(ii)Incline/Decline/Ramp	Incline	Incline	0.000	No Violation
Remark: NIL Remark File: NIL					
5	(iii)Raises/Winzes	Proposed	Carried out	0	No Violation
Remark: NIL Remark File: NIL					
6	(iv)Adit	0	0	0.000	No Violation

Remark: NIL Remark File: NIL					
7	(v)Haulage	Proposed	Carried Out	Nil	No Violation
Remark: NIL Remark File: NIL					
8	(vi)Cross-Cut	Proposed	Carried Out	0	No Violation
Remark: NIL Remark File: NIL					
9	(vii)Ore-Drive/Levels	Proposed	Carried Out	0	No Violation
Remark: NIL Remark File: NIL					
10	Number of stopes under development during the year	02	01	The proposed working in South Block-2 (0 to -30 mRL) was not carried out	Rule 11(1)
Remark: NIL Remark File: NIL					
11	Number of Levels	01	01	0.000	No Violation
Remark: NIL Remark File: NIL					
12	Level Interval (in Meter)	30	30	0.000	No Violation
Remark: NIL Remark File: NIL					

13	Quantum of Ore Generated while Development during the year (inT)	6750	0	The proposed quantum of ore generation 6750.000 tonnes could not be achieved	Rule 11(1)
Remark: NIL Remark File: NIL					
14	Ore Recovery in the development	6750	0	The proposed ore recovery in development of 6750.000 tonnes could not be achieved	Rule 11(1)
Remark: NIL Remark File: NIL					
15	Quantity of waste generation in m3	17610	16997.04	The quantity of waste generation fell short by 612.960 tonnes	Rule 11(1)
Remark: NIL Remark File: NIL					

2.4.2 Exploitation - Underground Mine Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of levels for production	01	01	0.000	No Violation
Remark: NIL Remark File: NIL					
2	Number of stopes for production	02	01	Production as proposed in South Block-2 (0 to -30 mRL) was not carried out.	Rule 11(1)

Remark: NIL Remark File: NIL					
3	Quantity of ROM mineral production from stopes	53250	16566	The quantity of ROM mineral production fell short by 6684.000 tonnes	Rule 11(1)
Remark: NIL Remark File: NIL					
4	Recovery of salable/usable mineral quantity from ROM production in T)	60000	16566	The targeted recovery could not be achieved by 43434.000 tonnes	Rule 11(1)
Remark: NIL Remark File: NIL					
5	Total Production (Development + stopes)	60000	16566	The total ROM production fell short by 43434.000 tonnes	Rule 11(1)
Remark: NIL Remark File: NIL					
6	Overall recovery in %	60	27.61	The overall recovery fell short by 32.390 %	Rule 11(1)
Remark: NIL Remark File: NIL					
7	Quantity of mineral reject generation	6000	2157	The targeted quantity of mineral reject generation could not be achieved by 3843 tonnes	Rule 11(1)
Remark: NIL Remark File: NIL					
8	Grade of salable/usable mineral quantity	+10 30% Cr2O3	+10 30% Cr2O3	0	No Violation
Remark: NIL Remark File: NIL					
9	Manual / Mechanized method adopted for segregating mineral	Manual	Manual	0	No Violation

	reject from ROM				
Remark: NIL Remark File: NIL					
10	Any analysis or beneficiation study proposed & carried out for mineral reject	Not Proposed	Not carried out	0	No Violation
Remark: NIL Remark File: NIL					
11	Provision of drilling & blasting	Proposed	Carried Out	0	No Violation
Remark: NIL Remark File: NIL					
12	Provision of mining machineries underground	Proposed	Carried Out	0	No Violation
Remark: NIL Remark File: NIL					

2.4.3 : Exploitation - Dump Working Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of dumps proposed for production	0	0	0.000	No Violation
Remark: NIL					

Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					

8	Manual / Mechanized method adopted for dump working	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					

2.5.1 : OB/Waste Dumps Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	No Proposal	Not Carried out	0	No Violation
Remark: Waste generated is used for backfilling Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	NA	NA	0	No Violation
Remark: NIL Remark File: NIL					
3	Number of active & Inative dumps	3 nos. Dump No.1- Inactive & stable Dump No.2- Inactive & stable Dump No.3- Active	4 nos. Dump No.1- Inactive & stable Dump No.2- Inactive & stable Dump No.3- Active Temporary Dump No.4- Active	0	No Violation
Remark: NIL Remark File: NIL					
4	Number of dead dumps	2	2	0.000	No Violation

					n
Remark: Dump 1&2 Remark File: NIL					
5	Number of dumps proposed for stabilised	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Plantation	Plantation	0	No Violation
Remark: NIL Remark File: NIL					

2.6.2 : Solid Waste Management - Backfilling (Underground) Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	For Underground, Percentage of Waste backfilled underground itself	0	0	0	No Violation
Remark: NIL Remark File: NIL					
2	For Underground, number of exploited stopes under	0	0	0	No Violation

	filling/stowing				
Remark: NIL Remark File: NIL					
3	For Underground, number of exploited stopes abandoned after filling	0	0	0	No Violation
Remark: NIL Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	0	0	0	No Violation
Remark: NIL Remark File: NIL					

2.7.1 : Progressive Mine Closure Plan (PMCP) Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Compliance on reclamation and rehabilitation by backfilling/Other means Total area and numbers of plantation proposed.	Backfilling-40000 Cu m 500 Plants	Backfilling -16997.04 625 Plants	A shortfall of 23003 Cu.m of backfilling was observed during inspection	Rule 11(1)
Remark: NIL Remark File: NIL					
2	Rehabilitation by making water reservoir	0	0	0.000	No Violation

					n
Remark: NIL Remark File: NIL					
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Environmental monitoring (core zone & buffer zone) proposed	Environmental monitoring (core zone & buffer zone) carried out	0	No Violation
Remark: Environmental monitoring done by Centre for Envotech and Management Consultancy Pvt. Ltd. Remark File: NIL					

2.8.1 : Mineral Conservation Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise sorting within the lease proposed	Grade-wise sorting within the lease carried out	0	No Violation
Remark: NIL Remark File: NIL					

2	Different grade of mineral sorted out at mines	Below 40% Cr2O3, 40% to below 52% Cr2O3, Above 52% Cr2O3	Below 40% Cr2O3, 40% to below 52% Cr2O3, Above 52% Cr2O3	0	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	No Proposal	Not Carried out	0	No Violation
Remark: NIL Remark File: NIL					
4	For Underground, compliance of Rule 16 (Sub-grade mineral is below cut-off value for the lease) - Sub-grade generation - Sub-grade brought to the surface	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Blending high grade chrome ore	Blending high grade chrome ore done as per proposal.	0	No Violation
Remark: NIL Remark File: NIL					

2.9.1 : Environment Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violatio
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					n under Rule
1	Separate removal and utilization of topsoil	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	500 75%	625 75%	0	No Violation
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Not Proposed	Carried Out as and when required.	0	No Violation
Remark: This a underground mine and there is no proposal for opencast working. Remark File: NIL					

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2.10 : Annual Return Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Submission of Online Monthly and Annual returns in prescribed period or not	Monthly and Annual return to be submitted online within prescribed period.	Monthly and Annual return submitted online within prescribed period.	0	No Violation
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mining Engineer-Rakesh Kumar Nayak Mining Geologist-Radheshyam Sahoo	Mining Engineer-Rakesh Kumar Nayak Mining Geologist-Radheshyam Sahoo	0	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Correct, complete returns to be submitted.	In correct Annual Return for FY 2024-25 submitted	1. The lease area utilization at end of year does not match with the KML file and the PMCP report uploaded. 2. In correct average grade of mineral reject has been furnished. 3. In correct information regarding number of boreholes drilled during the year has been furnished	Rule 45(7)
Remark: NIL Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	NA	NA	0	No Violation
Remark: NIL Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	Notices and Returns for the lease area to be submitted where fine applicable	Notices and Returns for the lease area submitted where fine applicable	0	No Violation

Remark: NIL Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Below 40% Cr2O3- 14320.03 40% to below 52% Cr2O3,- 17011.17 Fines: Below 40% Cr2O3- 11295.82 40% to below 52% Cr2O3-14575.74 Cost of production-Rs 20904.61	Appears to be correct	0	No Violation
Remark: NIL Remark File: NIL					

2.11 : SDF Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Start Ratings accorded for mine during last 3 years	3	3	0.000	No Violation
Remark: NIL Remark File: NIL					

Part-III : Other Reports

3.1.1 : Upload Other Reports

S.N.	Reports File	Remark File Description
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1	NIL	None
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Part-IV : Summary Details

4.1 : Summary of Violations

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Development - Method of Underground : Number of stopes under development during the year	02	01	The proposed working in South Block-2 (0 to -30 mRL) was not carried out	Rule 11(1)
Remark: NIL Remark File: NIL					
2	Development - Method of Underground : Quantum of Ore Generated while Development during the year (inT)	6750	0	The proposed quantum of ore generation 6750.000 tonnes could not be achieved	Rule 11(1)
Remark: NIL Remark File: NIL					
3	Development - Method of Underground : Ore Recovery in the development	6750	0	The proposed ore recovery in development of 6750.000 tonnes could not be achieved	Rule 11(1)
Remark: NIL Remark File: NIL					

4	Development - Method of Underground : Quantity of waste generation in m3	17610	16997.04	The quantity of waste generation fell short by 612.960 tonnes	Rule 11(1)
Remark: NIL Remark File: NIL					
5	Exploitation - Underground Mine : Number of stopes for production	02	01	Production as proposed in South Block-2 (0 to -30 mRL) was not carried out.	Rule 11(1)
Remark: NIL Remark File: NIL					
6	Exploitation - Underground Mine : Quantity of ROM mineral production from stopes	53250	16566	The quantity of ROM mineral production fell short by 6684.000 tonnes	Rule 11(1)
Remark: NIL Remark File: NIL					
7	Exploitation - Underground Mine : Recovery of salable/usable mineral quantity from ROM production in T)	60000	16566	The targeted recovery could not be achieved by 43434.000 tonnes	Rule 11(1)
Remark: NIL Remark File: NIL					
8	Exploitation - Underground Mine : Total Production (Development + stopes)	60000	16566	The total ROM production fell short by 43434.000 tonnes	Rule 11(1)
Remark: NIL Remark File: NIL					
9	Exploitation - Underground Mine : Overall recovery in %	60	27.61	The overall recovery fell short by 32.390 %	Rule 11(1)
Remark: NIL					

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Remark File: NIL					
10	Exploitation - Underground Mine : Quantity of mineral reject generation	6000	2157	The targeted quantity of mineral reject generation could not be achieved by 3843 tonnes	Rule 11(1)
Remark: NIL Remark File: NIL					
11	Progressive Mine Closure Plan : Compliance on reclamation and rehabilitation by backfilling/Other means Total area and numbers of plantation proposed.	Backfilling-40000 Cu m 500 Plants	Backfilling -16997.04 625 Plants	A shortfall of 23003 Cu.m of backfilling was observed during inspection	Rule 11(1)
Remark: NIL Remark File: NIL					
12	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	Correct, complete returns to be submitted.	In correct Annual Return for FY 2024-25 submitted	1. The lease area utilization at end of year does not match with the KML file and the PMCP report uploaded. 2. In correct average grade of mineral reject has been furnished. 3. In correct information regarding number of boreholes drilled during the year has been furnished	Rule 45(7)
Remark: NIL Remark File: NIL					
13	Plans and Sections	Updated Plans and Sections to be maintained	Not Maintained	The Surface Plan , surface Geological Plan and Geological Sections not maintained as per rule	Rule 31(4)
Remark: NIL Remark File: NIL					

Esigned by: VIKRAM DESHPANDE
Date: 28/12/2025 12:36:41 AM